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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 09/882,787

Filing Date Jun 14, 2001

First Named Inventor Qi

Group Art Unit 2621

Examiner Name TRAN, PHUOC

Total Number of Pages in This Submission

Attorney Docket Number MS1-717US

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment / Reply
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
 - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s) Sheets
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):
Form PTO-1449; reference copies (34); return receipt postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name Steven R. Sponseller, Reg. No. 39,384

Signature *Steven R. Sponseller*

Date 8-30-04

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: _____

Typed or printed name Cheryl K. Boies

Signature *Cheryl K. Boies* Date 8/30/04

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	09/882,787
Filing Date	Jun 14, 2001
First Named Inventor	Qi
Examiner Name	TRAN, PHUOC
Art Unit	2621
Attorney Docket No.	MS1-717US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

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Number
Deposit
Account
Name

12-0769

Lee & Hayes, PLLC

The Director is authorized to: (check all that apply)

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☒ Charge any additional fee(s) or any underpayment of fee(s)

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FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims		-20** =	
Independent Claims		-3** =	
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Steven R. Sponseller	Registration No. (Attorney/Agent)	39,384	Telephone	(509) 324-9256
Signature		Date	8-30-04		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/882,787
Filing Date Jun 14, 2001
Confirmation No. 9983
Inventorship Qi
Applicant Microsoft Corporation
Group Art Unit 2621
Examiner MARIAM, DANIEL G
Attorney's Docket No. MS1-717US
Title: A Method And Apparatus For Shot Detection

INFORMATION DISCLOSURE STATEMENT

References – See Attached Form PTO-1449

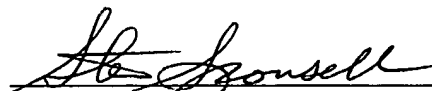
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Lee & Hayes, PLLC
421 W. Riverside Avenue, Suite 500
Spokane, WA 99201

The attached form PTO-1449 is submitted in compliance with Applicant's duty of disclosure under 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

Dated: 8-30-04

By: 
Steven R. Sponseller
Reg. No. 39,384

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known Application Number 09/882,787 Filing Date Jun 14, 2001 First Named Inventor Qi Group Art Unit 2621 Examiner Name MARIAM, DANIEL G Attorney Docket Number MS1-717US	
Sheet	1	of	4		

[illegible][illegible]

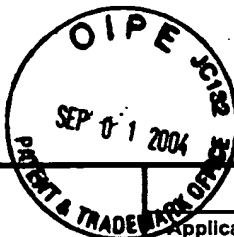
Examiner Signature		Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/882,787
		Filing Date	Jun 14, 2001
		First Named Inventor	Qi
		Group Art Unit	2621
		Examiner Name	MARIAM, DANIEL G
		Attorney Docket Number	MS1-717US
Sheet	2	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		10/371125, US Patent Application Serial Number 10/371125 filed February 20, 2003 Inventors Wei-Ying Ma et al. Entitled "Systems and Methods for Enhanced Image Adaptation," (Attorney Docket MS1-1406US)	
		LIENHART, R. et al., "On the Detection and Recognition of Television Commercials," University of Mannheim, 17 pages.	
		HARGROVE, THOMAS, "Logo Detection in Digital Video" Math 100 03/06/2001, http://toonarchive.com/logo-detection/ 9 pages.	
		http://www.fatalfx.com/nomad/ "NOMAD (No More Advertising)," February 17 2003, 4 pages.	
		SADLER, DAVID A., "Automatic TV Advertisement Detection from MPEG Bitstream," Centre for Digital Video Processing/Research Institute for Network & Communication Eng. Dublin City University, 12 pages.	
		SANCHEZ, JUAN MARIA, "AudiCom: a Video Analysis System for Auditing Commercial Broadcasts," Computer Vision Center Departament d'Informatica Universitat Autònoma de Barcelona, 5 pages.	
		ZABIH, RAMIN, "A Feature-Based Algorithm for Detecting and Classifying Scene Breaks," Computer Science Department, Cornell University, 16 pages.	
		LU LIE et al., "Content Analysis for Audio Classification and Segmentation" IEEE Transactions on Speech and Audion Processing, Vol. 10, No. 7, October 2002, pages 504-516.	
		LU, LIE et al., "A Robust Audio Classification and Segmentation Method," Microsoft Research China, 9 pages.	
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		JHA, UMA S., "Wireless Landscape-Need for Seamless Connectivity," Wireless Personal Communications, 2002, pages 275-283.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/882,787
		Filing Date	Jun 14, 2001
		First Named Inventor	Qi
		Group Art Unit	2621
		Examiner Name	MARIAM, DANIEL G
		Attorney Docket Number	MS1-717US
Sheet	3	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HELD, GIBERT, "Focus on Agere System's Orinoco PC Card," International Journal of Network Management, January 2002, pages 187-193.	
		CHERRY, STEVEN M., "Pesky Home Networks Trouble cable Behemoths," IEEE Spectrum, April 2002, pages 60-61.	
		NIEBUR, E. et al., "Computational Architectures for Attention," The Attentive Brain, Chapter 9, 1998, pages 163-186.	
		WOLFE, J. M. et al., "Deploying Visual Attention: The Guided Search Model," AI and the Eye, Chapter 4, 1990, pages 79-103.	
		ZADEH, L. A., "Probability Measures of Fuzzy Events," Journal of Mathematical Analysis and Applications, 23 1968, pgs 421-427.	
		TSOTSOS, J. K. et al., "Modeling Visual Attention Via Selective Tuning," Artificial Intelligence v78, 1995, pgs 507-545.	
		MA, Y.-F. et al., "A Model of Motion Attention for Video Skimming," IEEE ICIP, 2002m, pages I-129 to I-132.	
		SAHOO, P.K. et al., "Threshold Selction Using a Minimal Histogram Entropy Difference," Optical Engineering, v36, no7, July 1997, pages 1976-1981.	
		MILANESE, R. et al., "Attentive Mechanisms for Dynamic and Static Scene Analysis," Optical Engineering, v34, no8, August 1995, pages2428-2434.	
		JING, et al., "An Effective Region-Based Image Retrieval Framework," From ACM Multimedia 2002, 28 pages.	
		LI, et al., "Statistical Learning of Multi-View Face Detection," Proceedings of ECCV, 2002, 25 pages.	

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/882,787
		Filing Date	Jun 14, 2001
		First Named Inventor	Qi
		Group Art Unit	2621
		Examiner Name	MARIAM, DANIEL G
		Attorney Docket Number	MS1-717US
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
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		AHMAD, SUBUTAI, "VISIT: A Neural Model of Covert Visual Attention," Advances in Neural Information Processing Systems, v. 4, 1991, pgs 420-427.	
		BALUJA et al., "Expectation-Based Selective Attention for Visual Monitoring and Control of a Robot Vehicle," Robotics and Autonomous System, v. 22, no. 3-4, December 1997, pages 329-344.	
		DENG et al., "Peer Group Filtering and Perceptual Color Image Quantization," Proceedings of IEEE International Symposium on Circuits and systems, Vol. 4, 1999, pages 21-24.	
		ITTI et al., "A Model of Saliency-based Visual Attention for Rapid Scene Analysis," IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998.	
		MA et al., "A User Attention Model for Video Summarization," Proceedings of ICIP, 2002.	
		CHEN et al., "A Visual Attention Model for Adapting Images on Small Displays," ACM Multimedia Systems Journal, 2003.	
		LU, Xiaoye et al., "An Integrated Correlation Measure for Semantic Video Segmentation," IEEE 2002, 4 pages.	
		FAN, Xin et al., "Visual Attention Based Image Browsing on Mobile Devices," 4 pages.	

Examiner Signature		Date Considered	
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